



Claim	Exemplary support, current appln 10/692,886 (filed 10/24/03)	Exemplary support, 08/312,881 (filed 9/27/94)	Exemplary support, 08/463,987 (filed 6/5/95)	Exemplary support, 08/317,763 (filed 10/4/94) (now 5,609,763)	Exemplary support EP94400284 (filed 2/9/94)	Exemplary support EP 94401306.9 (filed 6/10/94)
68. A prosthesis comprising: a first graft comprising a proximal portion, a first distal portion, and a second distal portion; said proximal portion defining a lumen and adapted to be disposed within a blood vessel in juxtaposition with a bifurcation; said first distal portion defining a lumen and adapted to allow blood to flow from said proximal portion into a first branched blood vessel; said second distal portion defining a lumen and adapted to allow blood to flow from said proximal portion into a second branched vessel; and	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Figs. 1A, 1B, 5, 6. Fig. 1A shows a stent 10 having a proximal portion 12, a first distal portion 14 and a second distal portion 18. (page 15, lines 4-9) Fig. 5 shows a stent 50 having a proximal portion 52 and two distal portions 58, 60. (page 23, lines 6-12) Fig. 6 shows a stent 70 having a proximal portion and two distal portions. (page 24, lines 6-13) The stents may also include a graft inside the stent (page 11, lines 21-25) or outside the stent (page 19, lines 15-17; page 23, lines 13-15) The proximal portion may be used in juxtaposition with an arterial bifurcation. (page 6, lines 19-25; page 13, lines 10-19) Page 13, lines 15-21; page 20, lines 12-17; page 21, lines 1-6) Page 21, lines 6-8	The same figures and explanation as stated for the '284 European application apply to this European application. The citations are: page 4, line 13-page 6, line 21; page 7, line 14-page 8, line 5; page 11, line 23-page 12, line 3; page 16, lines 1-17; page 18, lines 8-13; page 22, lines 18-21; page 23, line 27-page 24, line 5; page 24, lines 13-20; page 26, lines 16-25; page 27, lines 15-19;

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a second graft defining a lumen and adapted to be intravascularly inserted into a lumen of said first graft to allow blood to flow through the lumen defined by said second graft; and wherein said first distal portion has a downstream end forming a skirt.					Page 4, line 6-page 6, line 6; page 7, line 8-page 8, line 21	The frustoconical portion of the proximal graft in Fig. 6 is an embodiment of a skirt.
70. A graft for treatment of aneurysms or occlusive diseases comprising: a primary graft body, said primary graft body having a primary graft flow lumen therethrough, said primary graft body comprising a first portion and a second portion; and	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Page 11, line 21-page 12, line 7	Page 11, line 23-page 12, line 12
					Fig. 6; "second stent" has a female cooperating portion (page 4, lines 10-11, 24-25). The female portion may taper radially inwardly and may comprise a frustoconical wall which tapers inwardly. (page 5, lines 2-9) "Primary graft body" may be the graft layer disposed within the "second stent" and the graft covering the stent on the right side of stent 70. (Page 4, lines 10-11; page 11, lines 21-25). Fig. 6 shows the primary graft body has a primary graft flow lumen (the main, larger lumen combined with the flow lumen on the right side) and a second portion (the frustoconical portion on the left side)	Fig. 6; "second stent" has a female cooperating portion (page 4, lines 16-17; page 5, lines 2-3). The female portion may taper radially inwardly and may comprise a frustoconical wall which tapers inwardly. (page 5, lines 5-12). "Primary graft body" may be the graft layer disposed externally or internally on the "second stent" and the graft covering the elongate distal portion (80) of the stent. (page 4, lines 10-11; page 11, line 23-page 12, line 3). Fig. 6 shows the primary graft body has a primary graft flow lumen through 82, 72, 76, and 80.

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a supplemental graft body, said supplemental graft body having a secondary graft flow lumen therethrough, said supplemental graft body comprising a first end and a second end, said first end of said supplemental graft body being dockable to said second portion of said primary graft body while inside of a vessel to define a single flow lumen which transfers					Fig. 6. "First stent" has a male engaging portion that has its own flow lumen. The first stent enters into, and expands within, the female cooperating portion. This inter-engagement resists longitudinal separation of the two stents. (page 4, line 1-page 6, line 6). The supplemental stent (which may correspond to the supplemental graft body) may therefore be dockable with the primary stent. Both the first and second stents may include a graft	Fig. 6. "First stent" 86 with a graft may be the supplemental graft body and has a male engaging portion 88 and a distal portion 90. Male engaging portion 88 enters into and engages female cooperating portion 78 and may therefore be dockable with it. (page 4, line 7-page 15; page 27, line 15-page 28, line 24) Both the first and second stents may include a graft
substantially all flow between said primary graft flow lumen and said secondary graft flow lumen.					layer. (page 11, lines 21-25). Therefore, the supplemental graft may be dockable to the primary graft. There is a single flow lumen between the primary and secondary flow lumens which transfers substantially all flow between them.	layer. (page 11, line 23-page 12, line 12; page 27, line 25-page 28, line 5; page 28, lines 14-24) There is a single flow lumen between the primary and secondary flow lumens which transfers substantially all flow between them.

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71. The graft as defined in claim 70, wherein said primary graft body is circumferentially reinforced at locations along its length by a plurality of separate spaced apart wires.	Figs. 1A, 6. The primary graft body (Fig. 6, #70, 76, 80) may be reinforced along its length by separate wires 12 and 44 which may be separated from each other by wires 14, 18, 42. (page 22, lines 17-23; page 23, lines 7-10; page 29, lines 14-21; page 31, line 19-32, line 8)	The same figures and explanation as stated for the present '886 application apply to this '881 application. The citations are: page 18, lines 8-14; page 18, line 25-19; line 1; page 27, line 15-28, line 5.	The same figures and explanation as stated for the present '886 application apply to this '987 application. The citations are: page 17-23; lines 17-23; page 23, lines 7-10; page 29, lines 14-21; page 31, line 19-page 32, line 8.	The same figures and explanation as stated for the present '886 application apply to this '763 patent. The citations are: col. 8, lines 50-55, 64-67; col. 11, lines 24-30; col. 12, lines 11-26)	The same figures and explanation as stated for the present '886 application apply to this European application. The citations are: page 15, lines 4-9; 19-22; page 21, lines 16-24; page 24, lines 6-13.	The same figures and explanation as stated for the present '886 application apply to this European application. The citations are: page 18, lines 8-15; page 18, line 25-page 19, line 1; page 25, lines 6-14; page 27, line 15-page 28, line 5.
72. The graft as defined in claim 71, wherein each of said separate spaced apart wires comprises two opposing ends, said ends being joined together on the outside surface of said primary graft body.	Fig. 1A, 1B, 2A. The figures show that the ends of each wire (for example, distal part 44) are joined together, albeit indirectly. Page 12, lines 9-11 states the graft may be disposed internally of the stent.	The same figure and explanation as stated for the present '886 application apply to this '881 application. The citations are: page 12, lines 1-3	The same figure and explanation as stated for the present '886 application apply to this '987 application. The citations are: page 12, lines 9-11	The same figure and explanation as stated for the present '886 application apply to this '763 patent. The citations are: col. 5, lines 4-6	The same figure and explanation as stated for the present '886 application apply to this European application. The citations are: page 11, lines 21-25.	The same figure and explanation as stated for the present '886 application apply to this European application. The citations are: page 12, lines 1-3

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73. The graft as defined in claim 71, wherein at least one of the reinforcement wires is attached to said primary graft body via sutures.	"the graft layer may be secured to the stent by loop elements such, for example, as loops of polypropylene." (page 12, lines 11-13). As stated, polypropylene is only one example of a securing loop. A suture may be a similar type of attachment mechanism. Page 10, lines 20-25.	The same explanation as stated for the present '886 application apply to this '881 application. The citations are: Page 10, lines 17-21; Page 12, lines 3-6.	The same explanation as stated for the present '886 application apply to this '987 application. The citations are: Page 10, lines 20-29; page 12, lines 11-13.	The same explanation as stated for the present '886 application apply to this '763 patent. The citations are: col. 4, lines 31-35; col. 5, lines 6-8.	The same explanation as stated for the present '886 application apply to this European application. The citations are: Page 11, line 25-page 12, line 3	The same explanation as stated for the present '886 application apply to this European application. The citations are: Page 12, lines 3-6.
74. The graft as defined in claim 71, wherein at least one of the reinforcement wires is attached to said primary graft body.	Page 12, lines 11-13; page 27, lines 8-12.	Page 12, lines 3-6; page 22, lines 23-27.	Page 12, lines 11-13; page 27, lines 8-12.	Col. 5, lines 6-8; col. 10, lines 34-38	Page 11, line 25-page 12, line 3; page 19, lines 19-23	Page 12, lines 3-6; page 22, lines 23-27

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75. The graft as defined in claim 70, wherein said supplemental graft body is circumferentially reinforced at locations along its length by a plurality of separate, spaced apart wires.	<p>Figs. 1A, 1B, 6. For purposes of this claim, the primary graft body in claim 70 may be the graft in Fig. 6 covering prosthesis 86 and frustoconical portion 88. The supplemental graft body in claim 70 may be the graft in Fig. 6 #70, 76, 80. This supplemental graft may be reinforced along its length by separate wires 12 and 44 which may be separated from each other by wires 14, 18, 42. (page 22, lines 17-23; page 23, lines 7-10; page 29, lines 14-21; page 31, line 19-page 32, line 8)</p>	<p>The same figures and explanation as stated for the present '886 application. The citations are: page 18, lines 8-14; page 19, line 1; page 27, line 15-page 28, line 5.</p>	<p>The same figures and explanation as stated for the present '886 application. The citations are: page 22, lines 17-23; page 23, lines 7-10; page 29, lines 14-21; page 31, line 19-page 32, line 8.</p>	<p>The same figures and explanation as stated for the present '886 application. The citations are: col. 8, lines 50-55, 64-67; col. 11, lines 24-30; col. 12, lines 11-26)</p>	<p>The same figures and explanation as stated for the present '886 application. The citations are: page 15, lines 4-9; 19-22; page 21, lines 16-24; page 24, lines 6-13.</p>	<p>The same figures and explanation as stated for the present '886 application apply to this European application. The citations are: page 18, lines 8-15; page 18, line 25-page 19, line 1; page 25, lines 6-14; page 27, line 15-page 28, line 5.</p>

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76. The graft as defined in claim 75, wherein each of said separate wires comprise two opposing ends, said ends being joined together on the outside surface of said supplemental graft body.	Fig. 1A, 1B, 2A. The figures show that the ends of each wire (for example, distal part 44) are joined together, albeit indirectly. Page 12, lines 9-11 states the graft may be disposed internally of the stent.	The same figure and explanation as stated for the present '886 application apply to this '881 application. The citations are: page 12, lines 1-3	The same figure and explanation as stated for the present '886 application apply to this '887 application. The citations are: page 12, lines 9-11	The same figure and explanation as stated for the present '886 application apply to this '763 patent. The citations are: col. 5, lines 4-6	The same figure and explanation as stated for the present '886 application apply to this European application. The citations are: page 11, lines 21-25.	The same figure and explanation as stated for the present '886 application apply to this European application. The citations are: page 12, lines 1-3
77. The graft as defined in claim 75, wherein at least one of the reinforcement wires is attached to said supplemental graft body via sutures.	"the graft layer may be secured to the stent by loop elements such, for example, as loops of polypropylene." (page 12, lines 11-13). As stated, polypropylene may be only one example of a securing loop. A suture may be a similar type of attachment mechanism. Page 10, lines 20-25.	The same explanation as stated for the present '886 application apply to this '881 application. The citations are: Page 10, lines 17-21; Page 12, lines 3-6.	The same explanation as stated for the present '886 application apply to this '987 application. The citations are: Page 10, lines 20-29; page 12, lines 11-13.	The same explanation as stated for the present '886 application apply to this '763 patent. The citations are: col. 4, lines 31-35; col. 5, lines 6-8.	The same explanation as stated for the present '886 application apply to this European application. The citations are: Page 11, line 25-page 12, line 3	The same explanation as stated for the present '886 application apply to this European application. The citations are: Page 12, lines 3-6.

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78. The graft as defined in claim 75, wherein at least one of the reinforcement wires is attached to said supplemental graft body.	Page 12, lines 11-13; page 27, lines 8-12.	Page 12, lines 3-6; page 22, lines 23-27.	Page 12, lines 11-13; page 27, lines 8-12.	Col. 5, lines 6-8; col. 10, lines 34-38	Page 11, line 25- page 12, line 3; page 19, lines 19-23	Page 12, lines 3-6; page 22, lines 23-27
79. The graft as defined in claim 71, wherein at least one of the reinforcement wires has a different amplitude than the next adjacent wire.	Figs. 1A, 2A. Wires 25 may have a different amplitude than adjacent wires 20 and 26.	Figs. 1A, 2A. Wires 25 may have a different amplitude than adjacent wires 20 and 26.	Figs. 1A, 2A. Wires 25 may have a different amplitude than adjacent wires 20 and 26.	Figs. 1A, 2A. Wires 25 may have a different amplitude than adjacent wires 20 and 26.	Figs. 1A, 2A. Wires 25 may have a different amplitude than adjacent wires 20 and 26.	Figs. 1A, 2A. Wires 25 may have a different amplitude than adjacent wires 20 and 26.
80. The graft as defined in claim 75, wherein at least one of the reinforcement wires has a different amplitude than the next adjacent wire.	Figs. 1A, 2A. Wires 25 may have a different amplitude than adjacent wires 20 and 26.	Figs. 1A, 2A. Wires 25 may have a different amplitude than adjacent wires 20 and 26.	Figs. 1A, 2A. Wires 25 may have a different amplitude than adjacent wires 20 and 26.	Figs. 1A, 2A. Wires 25 may have a different amplitude than adjacent wires 20 and 26.	Figs. 1A, 2A. Wires 25 may have a different amplitude than adjacent wires 20 and 26.	Figs. 1A, 2A. Wires 25 may have a different amplitude than adjacent wires 20 and 26.

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81. The graft as defined in claim 71, wherein one of the reinforcement wires is located at one end of the primary graft body and has alternate crests or apices extending beyond said one end of the primary graft body.	See, e.g., Fig. 6 showing alternate apices at proximal end 82 extending beyond the end of graft 70.	See, e.g., Fig. 6 showing alternate apices at proximal end 82 extending beyond the end of graft 70.	See, e.g., Fig. 6 showing alternate apices at proximal end 82 extending beyond the end of graft 70.	See, e.g., Fig. 6 showing alternate apices at proximal end 82 extending beyond the end of graft 70.	See, e.g., Fig. 6 showing alternate apices at the upper end of the proximal part of the stent 70 extending beyond the end of graft covering stent 70.	See, e.g., Fig. 6 showing alternate apices at proximal end 82 extending beyond the end of graft 70.
84. The graft as defined in claim 70, wherein said primary graft body and said supplemental graft body are formed of a thin biocompatible material.	Page 12, lines 3-19; page 27, lines 3-13; page 29, lines 10-13; page 30, line 23-30, line 31, line 4; page 32, lines 2-8	Page 11, line 23-page 12, line 12; page 22, line 18-page 23, line 1; page 24, line 27-page 25, line 4; page 26, lines 16-25; page 27, line 25-page 28, line 5	Page 12, lines 3-19; page 27, lines 3-13; page 29, lines 10-13; page 30, line 23-page 31, line 31; page 32, lines 2-8	Col. 4, line 66-col. 5, line 13; col. 10, lines 30-39; col. 11, lines 19-23; col. 12, lines 20-27	Page 11, line 21-page 12, line 6; page 19, lines 15-23; page 23, lines 1-4, 13-15	Page 11, line 23-page 12, line 12; page 22, line 18-page 23, line 1; page 24, line 25-page 25, line 4; page 26, lines 23-25; page 27, line 25-page 28, line 5.

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93. A graft comprising: a first graft body, said first graft body having a first graft body inlet end and a first graft body outlet end to define a flow passage therethrough; and a second graft body, said second graft body having a second graft body inlet end and a second graft body outlet end to define a flow passage therethrough; said second graft body inlet end being attachable in an overlapping relationship with said first graft body outlet end while inside of a vessel to define a continuous flow passage through said first graft body inlet end, said first graft body outlet end, said second graft body inlet end and said second graft body outlet end.	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	The "first graft body" in this claim may be the second stent including a female cooperating portion. (page 4, lines 10-11) The "second graft body" in this claim may be the first stent including a male engaging portion which can be compressed radially inwardly." (page 4, lines 7-9) The male engaging portion may be entered into the female cooperating portion in a radially compressed state and thereafter may expand in the female cooperating portion to resist longitudinal separation. There may therefore be an overlapping relationship between the two stents.(page 4, lines 13-21) See also, page 4, line 23-page 6, line 6. The two stents may be joined percutaneously and, therefore, inside the vessel. (page 5, line 23- page 6, line 6); See also, page 13, lines 8-26).	Same Figure and same explanation as the '284 European application. The citations are: Page 4, lines 13-26; page 5, line 1-page 6, line 15; page 11, line 23-page 12, line 12; page 16, lines 1-23; page 27, line 15-page 28, line 24

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					<p>Each of the stents may include a graft. (page 11, line 21- page 12, line 6)</p> <p>Fig. 6 shows a first graft body (the proximal bifurcated stent with a graft covering) and a second graft body (the thin graft body on the left or the thin graft body on the right).</p> <p>Fig. 6 shows an arrow indicating that the graft body on the left may be attachable in overlapping relationship with the proximal, first graft body.</p> <p>The three figures at the bottom of the page show the thin graft body on the right being attachable in overlapping relationship with the proximal, first graft body.</p> <p>"[T]he method of attachment of stents of the type shown in Figure 1b to the bifurcated stent (70) is shown schematically in Fig. 6." (page 24, lines 10-13)</p>	

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94. The graft of claim 93 wherein at least one of the first graft body and the second graft body is reinforced by a wire structure.	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Figs. 1A, 1B, 6 See, e.g., page 4, line 1-page 7, line 20; page 8, line 23-page 9, line 6; page 9, line 17-page 10, line 5; page 19, lines 15-23; page 23, lines 1-4	Figs. 1A, 1B, 6. See, e.g., page 4, line 7-page 7, line 25; page 8, lines 7-16; page 9, lines 16-27; page 22, line 18-page 23, line 1; page 24, line 27-page 25, line 4
95. The graft of claim 94 wherein the wire structure is formed of a metal.	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	See, e.g., page 8, line 23-page 9, line 6.	See, e.g., page 8, lines 7-16
96. The graft of claim 94 wherein the wire structure is sutured to the respective graft body.	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Page 11, line 25-page 12, line 3	Page 12, lines 3-6.
97. The graft of claim 94 wherein at least one of the first graft body and the second graft body is a multi-layered graft body and the wire structure is sandwiched between layers of said multi-layered graft body.	Fig. 6; page 32, lines 4-8. A multi-layered graft body is formed because the graft layer is folded over the distal extremity 84 to form an internal lining in frustoconical portion 78. Accordingly, there are graft layers inside and outside portion 78.	Fig. 6; page 27, line 25-page 28, line 5	Same figure and explanation as the current '886 application	Same figure and explanation as the current '886 application	Fig. 6; page 11, line 21 - page 12, line 6. Referring to Fig. 6, when a graft layer is inside bifurcated stent 70 and inside either of the legs, the wire skeleton of the legs are sandwiched between the two graft layers.	Page 27, line 25-page 28, line 5

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98. The graft of claim 94 wherein at least a portion of one of the first graft body and the second graft body is made of PTFE.	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Page 11, line 21-page 12, lines 6; page 23, lines 1-4	Page 11, line 23-page 12, line 8; page 24, line 27-page 25, line 4
99. The graft of claim 94 wherein the wire structure is disposed at least in part on an outside surface of the respective graft body.	Not requested per any paragraph of the Office Action	Not requested per any paragraph of the Office Action	Not requested per any paragraph of the Office Action	Not requested per any paragraph of the Office Action	Page 11, lines 24-25	Page 12, lines 1-3
100. The graft of claim 94 wherein the wire structure is disposed substantially on an inside surface of the respective graft body.	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Page 19, lines 15-20; page 23, lines 1-4; Fig. 6	Page 11, line 23-page 12, line 1; page 22, lines 18-23; page 24, line 27-page 25, line 4; page 27, line 25-page 28, line 1
101. The graft of claim 94 wherein the wire structure is interwoven with the surface of the respective graft body.	Page 12, lines 11-13	Page 12, lines 3-6	Page 12, lines 11-13	Col. 5, lines 6-8	Page 11, line 25-page 12, line 3	Page 12, lines 3-6

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102. The graft of claim 94 wherein the wire structure is X-ray detectable.	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Page 7, line 25-page 8, line 15 stating that two stents are joined percutaneously, requiring that they be x-ray detectable. Page 8, line 23-page 9, line 2; page 15, lines 4-9 (the stents are formed of a wire).	The same explanation as for the '284 European application. The citations are: page 13, lines 10-27; page 8, lines 7-12; page 18, lines 8-13
103. The graft of claim 93 wherein the second graft body is frusto-conical in shape.	Figs. 1A, 1B, 6; page 5, lines 14-22; page 32, lines 13-17	Figs. 1A, 1B, 6; page 5, lines 1-9; page 28, lines 11-16	Figs. 1A, 1B, 6; page 5, lines 14-22; page 32, lines 13-17	Col. 2, lines 37-44; col. 12, lines 32-36	Figs. 1A, 1B, 6; page 4, line 23-page 5, line 6	Figs. 1A, 1B, 6; page 5, lines 1-9; page 28, lines 11-14
104. The graft of claim 93 wherein the second graft body is substantially cylindrical.	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Figs. 1A, 1B, 6 showing the stents, and therefore the grafts, are substantially cylindrical; page 8, line 23-page 9, line 4. (stents are formed in a tubular configuration)	Same figures and explanation as for the '284 European application. The citations are: page 8, lines 7-13

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105. The graft of claim 93 wherein one of the first graft body and the second graft body comprises a skirt portion.	The frustoconical portion of the proximal graft in Fig. 6 is an embodiment of a skirt.	The frustoconical portion of the proximal graft in Fig. 6 is an embodiment of a skirt.	The frustoconical portion of the proximal graft in Fig. 6 is an embodiment of a skirt.	The frustoconical portion of the proximal graft in Fig. 6 is an embodiment of a skirt.	The frustoconical portion of the proximal graft in Fig. 6 is an embodiment of a skirt.	The frustoconical portion of the proximal graft in Fig. 6 is an embodiment of a skirt.
106. The graft of claim 105 wherein said skirt portion is about 18 mm in length.	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Fig. 1A shows the length of frustoconical portion as 18 mm. Page 18, lines 10-11	Fig. 1A. Page 21, lines 14-16

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<p>107. The graft for treatment of aneurysms or occlusive diseases comprising:</p> <p>a first graft body, said first graft body having an inlet end and an outlet end to define a first flow passage therethrough; and</p> <p>a second graft body, said second graft body having an inlet end and an outlet end to define a second flow passage therethrough;</p> <p>said inlet end of said second graft body being attachable in an overlapping relationship with said outlet end of said first graft body while inside of a vessel to define a continuous flow passage between said inlet end and said outlet end of said first graft body and said inlet end and said outlet end of said second graft body; and</p> <p>wherein at least one of the inlet ends and the outlet ends is reinforced with a wire member which</p>	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	The "first graft body" in this claim may be the second stent including a female cooperating portion. (page 4, lines 10-11)	Same Figure and same explanation as the '284 European application.
					The citations are: Page 4, lines 13-26; page 5, line 1-page 6, line 15; page 11, line 23-page 12, line 12; page 16, lines 1-23; page 27, line 15-page 28, line 24.	The citations are: Page 4, lines 13-26; page 5, line 1-page 6, line 15; page 11, line 23-page 12, line 12; page 16, lines 1-23; page 27, line 15-page 28, line 24.
					The "second graft body" in this claim may be the first stent including a male engaging portion which may be compressed radially inwardly." (page 4, lines 7-9)	See, e.g., Fig. 6 showing alternate apices at proximal end 82 extending beyond the end of graft 70.
					The male engaging portion may be entered into the female cooperating portion in a radially compressed state and thereafter may expand in the female cooperating portion to resist longitudinal separation. There may therefore be an overlapping relationship between the two stents. (page 4, lines 13-21) See also, page 4, line 23-page 6, line 6.	
					The two stents may be joined percutaneously and, therefore, inside the vessel. (page 5, line 23- page 6, line 6); See also, page 13, lines 8-26).	

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has a plurality of apices extending beyond at least a portion of the corresponding end.					<p>Each of the stents may include a graft. (page 11, line 21-page 12, line 6)</p> <p>Fig. 6 shows a first graft body (the proximal bifurcated stent with a graft covering) and a second graft body (the thin graft body on the left or the thin graft body on the right).</p> <p>Fig. 6 shows an arrow indicating that the graft body on the left may be attachable in overlapping relationship with the proximal, first graft body.</p> <p>The three figures at the bottom of the page may show the thin graft body on the right being attachable in overlapping relationship with the proximal, first graft body.</p> <p>"[T]he method of attachment of stents of the type shown in Figure 1b to the bifurcated stent (70) is shown schematically in Fig. 6." (page 24, lines 10-13)</p> <p>See, e.g., Fig. 6 may show alternate apices at the upper end of the proximal part of the stent 70 extending beyond the end of graft covering stent 70.</p>	

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<p>108. A graft comprising:</p> <p>a first graft body, said first graft body having an inlet end and an outlet end to define a first flow passage therethrough; and</p> <p>a second graft body, said second graft body having an inlet end and an outlet end to define a second flow passage therethrough;</p> <p>said inlet end of said second graft body being attachable in an overlapping relationship with said outlet end of said first graft body while inside of a vessel to define a continuous flow passage through said first flow passage and said second flow passage; and</p> <p>wherein the graft is adapted to be placed in a lumen of a first vessel that intersects with a second vessel; and wherein at least one of the said inlet end of said first graft body and said outlet end of said second graft body that is</p>	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	See the explanation and citations for claim 107. The graft may be placed in juxtaposition with an arterial bifurcation. Page 6, line 17-page 7, line 26; page 13, lines 6-27	See the explanation and citations for claim 107. The graft may be placed in juxtaposition with an arterial bifurcation. Page 6, line 17-page 7, line 26; page 13, lines 6-27

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adjacent to a junction between the first vessel and the second vessel is reinforced with a wire member which has a plurality of apices extending beyond at least a portion of a respective end adjacent to said junction.						

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109. (Previously Presented) A graft for treatment of aneurysms or occlusive diseases comprising: a first graft body, said first body having an inlet end and an outlet end to define a flow passage therethrough; and a second graft body, said second graft body having an inlet end and an outlet end to define a flow passage therethrough; said inlet end of said second graft body being attachable in an overlapping relationship with said outlet end of said first graft body while inside of a vessel to define a continuous flow passage between said inlet end and said outlet end of said first graft body and said inlet end and said outlet end of said second graft body; wherein at least one of the first graft body and the	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	The "first graft body" in this claim may be the second stent including a female cooperating portion. (page 4, lines 10-11) The "second graft body" in this claim may be the first stent including a male engaging portion which can be compressed radially inwardly." (page 4, lines 7-9) The male engaging portion is entered into the female cooperating portion in a radially compressed state and thereafter may expand in the female cooperating portion to resist longitudinal separation. There may therefore be an overlapping relationship between the two stents. (page 4, lines 13-21) See also, page 4, line 23- page 6, line 6. The two stents may be joined percutaneously and, therefore, inside the vessel. (page 5, line 23- page 6, line 6); See also, page 13, lines 8-26).	Same Figures and same explanation as the '284 European application. The citations are: Page 4, lines 13-26; page 5, line 1- page 6, line 15; page 8, lines 7-19; page 11, line 23-19; page 12, line 12; page 16, lines 1-23; page 19, lines 7-12; page 27, line 15- page 28, line 24; page .

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second graft body is circumferentially reinforced by a metal wire structure.					<p>Each of the stents may include a graft. (page 11, line 21-page 12, line 6)</p> <p>Fig. 6 may show a first graft body (the proximal bifurcated stent with a graft covering) and a second graft body (the thin graft body on the left or the thin graft body on the right).</p> <p>Fig. 6 may show an arrow indicating that the graft body on the left may be attachable in overlapping relationship with the proximal, first graft body.</p> <p>The three figures at the bottom of the page may show the thin graft body on the right being attachable in overlapping relationship with the proximal, first graft body.</p> <p>"[T]he method of attachment of stents of the type shown in Figure 1b to the bifurcated stent (70) is shown schematically in Fig. 6." (page 24, lines 10-13)</p> <p>Supporting stents may be wire formed into a tubular configuration. Page 8, line 23-page 9, line 9; page 16, lines 3-8, describing to circumferentially spaced apices. Page 24, lines 6-13, describing a cylindrical proximal stent. See also, Figs. 1A, 1B, 6.</p>	

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110. The graft of claim 109 wherein the metal wire structure comprises at least one wireform.	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Page 8, lines 23-24	Page 8, lines 7-8
111. The graft of claim 110 wherein said at least one wireform has closed sinusoidal shape.	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Page 8, lines 23-24	Page 8, lines 7-8
112. The graft of claim 109 wherein the metal wire structure comprises a plurality of wireforms.	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Acknowledged in Office Action § 6	Page 8, lines 23-24; page 15, lines 4-9, 19-22	Page 8, lines 7-8; page 18, lines 8-13, 25-27; page 19, line 1